Appendix C

Mitigation Report for Contaminated Soils

Appendix C was included in the DEIS and is incorporated by reference in the FEIS.

Erratum to Appendix C

This table replaces Table 3 of Appendix C for the DEIS, which contained typographical errors. All analyses in both the DEIS and the FEIS are/were based on the correct data presented here.

Table 3. Soil Sample Results Taken by Terra at Glacier Northwest Gravel Mine

| | | Surface | | | 9-Inch Depth | | | 18-Inch Depth | | |
|-------------------------------|---------------------------|---------|--------------------|-------|--------------|---------|-------|---------------|---------|-------|
| Sample Number ^b | Site Type ^c | Arsenic | Cadmium | Lead | Arsenic | Cadmium | Lead | Arsenic | Cadmium | Lead |
| 1 ^d | F | 330* | 2 | 830 | 37 | 0.84 | 27 | 43 | 0.66 | 19 |
| 2 | F | 120 | 2.3 | 390 | 25 | 1.2 | 10 | 8.7 | 0.56U | 5.6U |
| 3 | F | 150 | 0.79U ^e | 280 | 110 | 0.91 | 81 | 10 | 0.62 | 8.6 |
| 4 | F | 160 | 1.5 | 450 | 19 | 0.72 | 25 | 4.2 | 0.53U | 5.3U |
| 5 | F? | 47 | 0.92 | 54 | 47 | 0.84 | 59 | 43 | 0.63U | 51 |
| 6 | F | 100 | 9.3 | 470 | 270* | 2.9 | 120 | 64 | 1.1 | 30 |
| 7 | F? | 17 | 0.58U | 13 | 19 | 0.56U | 18 | 13 | 0.53U | 11 |
| 8 | F | 190 | 3 | 550 | 67 | 0.94 | 41 | 10 | 0.58U | 7.6 |
| 9 | F | 98 | 1.6 | 510 | 110 | 0.95 | 30 | 9.2 | 0.77 | 7.1 |
| 10 | GP | 4.3 | 0.53U | 5.3U | 1.6U | 0.53U | 5.3U | 1.6U | 0.52U | 5.2U |
| 11 | GP | 1.9 | 0.53U | 5.3U | 1.6U | 0.55U | 5.5U | 1.6U | 0.53U | 5.3U |
| 12 | F? | 6.1 | 0.54U | 5.8 | 6.2 | 0.54U | 5.4U | 5.7 | 0.55U | 6 |
| 13 | F | 220* | 1.2U | 470 | 130 | 0.82 | 45 | 8.2 | 1.5 | 8.3 |
| 14 | F | 18 | 0.91 | 70 | 130 | 1.2 | 37 | 2.0U | 0.92 | 36 |
| 15 | GP | 1.6U | 0.53U | 5.3U | 1.6U | 0.53U | 5.3U | 1.6U | 0.53U | 5.3U |
| 16 ^d | F | 280* | 1.6 | 730 | 39 | 0.84 | 17 | 40 | 0.89 | 23 |
| 17 | F | 61 | 6 | 240 | 260* | 1.2 | 35 | 11 | 0.52U | 5.2U |
| 18 | GP | 11 | 0.59U | 7.1 | 8.2 | 0.57U | 5.7U | 5.9 | 0.57U | 6.1 |
| 19 | F | 100 | 6 | 470 | 270* | 1.4 | 67 | 3.8 | 0.59U | 5.9U |
| 20 | F | 140 | 5.4 | 710 | 11 | 0.59U | 11 | 7.6 | 0.59 | 6.6 |
| MTCA ^f | | 200 | 10 | 1,000 | 200 | 10 | 1,000 | 200 | 10 | 1,000 |
| MTCA ^g | | 20 | 2.0 | 250 | 20 | 2.0 | 250 | 20 | 2.0 | 250 |

^{*} Exceeds MTCA Method A cleanup values for industrial sites.

^a All units are parts per million (ppm), milligrams/kilogram.

^b Sample numbers correspond to Terra Associate sample locations shown on Figure 10-1.

^c Site Type: F is forested area; F? is forested area but has signs of recent grading or disturbance; GP is in the area of the existing gravel pit.

^d Sample No. 16 is a field replicate of Sample No. 1

^e U indicates that the metal was not detected at the stated detection limit.

f MTCA Method A cleanup values for industrial sites.

g MTCA Method A cleanup values for residential sites.